

1-19. (CANCELED)

20. (CURRENTLY AMENDED) A reinforced safety device for collecting electrical energy at ground level for a land-borne ground level electrical feed type vehicle by a sliding contact with at least one polar part, the safety device comprising:

a collection blade (10) having a vehicle support holder (11) on an upper part of the collection blade (10);

means for raising the blade (10) and means for electrically connecting the blade (10) to a feed circuit of the vehicle, the blade (10) being electrically insulated from ground and any lane structures, a part of the blade (10) can spread apart two profile holding fixtures (23, 24), which are placed side-by-side facing each other opposite to one another, the two profile holding fixtures (23, 24) run either on the ground or in the ground along a lane, and are supported by a support profile carrier support (21) having a bottom that is approximately flat and two lateral walls to form a collection assembly (9), collecting parts or areas of the blade (10) are maintained in sliding electrical contact by sliding along one of conductors or conducting parts (19, 20) which are supported by each profile holding fixture (23, 24), each of the profile holding fixtures (23, 24) is provided, along an entire length, with elastic recall restoring return towards an the other adjacent counterpart holding fixture by one of elastic compressibility means engendering locally an elastic recall restoring force to bring the profile holding fixtures (23, 24) together after one of lateral compression or a series of discontinuous localized separate recall restoring devices.

21. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the elastic compressibility means engendering locally the elastic recall force for at least one of the two profile holding fixtures (23, 24) is a tubular elastic profile body (25, 26) that is subjected to lateral compression and is housed in a space existing located between the

profile holding fixture (23, 24) and the corresponding lateral wall of the profile carrier support (21) of the collection assembly (9).

22. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein a body of the blade (10) is a flat piece (12) with a forward beveled edge (14) and a lower extremity in a form of a bulge in a shape of a longitudinal block (15), the longitudinal block (15) ~~having~~ has two flat lateral edges (17, 18), and at least one of the two flat lateral edges (17, 18) ~~has a~~ is in sliding contact ~~[[on]]~~ with one of ~~an opposing the facing~~ conductor or ~~[[a]]~~ conducting part (19, 20) supported by the corresponding profile holding fixture (23, 24).

23. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein each conductor (19, 20) is connected to a different electrical phase and feeds the blade (10) via two electrical pathways.

24. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 23, wherein the collection blade (10) ~~has two electrical conductors~~ is a composite structure with two different conducting parts that are insulated from one another and are each connected to a different electrical phase.

25. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the profile holding fixtures (23, 24) are made of a flexible insulating material so as to permit a local gap for clear passage of the blade (10).

26. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the conductors (19, 20) are inserted into a slot provided in a cavity of ~~a face of an edge of one of the~~ profile holding fixtures (23, 24) facing ~~an other~~ another one of the profile holding fixtures (23, 24).

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27. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the profile carrier support section (21) is buried and the surface of the ground is protected, at the surface of the ground, by a protection (28) ~~based on~~ in a shape of an insulating opening which cover that is opened by passage of the blade (10), and the insulating opening cover closes after the blade (10) passes thereby.

28. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 27, wherein an upper surface of the profile carrier support section (21)[[.]] is equipped with the ~~protector~~ protection (28) in the ~~insulation~~ shape of an insulating cover[[.]] ~~that~~ opens with the passage of the blade (10) and the ~~insulating opening~~ closes after the blade (10) passes thereby.

29. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the device for electrical collection feeds a vehicle guided by a central rail of a guidance assembly at ground level (8).

30. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the blade (10) is connected to a guidance arm (42) of the vehicle.

31. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the safety device further comprises a guide rail having two semi-rails (29, 30) installed side-by-side, and a guide roller (40, 41) of a guidance assembly (42) of the vehicle rolls on each of the two semi-rails (29, 30).

32. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 31, wherein each of the two semi-rails (29, 30) has a general transverse shape in the form of a U consisting of a rail riser wing (31) terminated at a top in a rail conformation (32), a base (33) and a longitudinal

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return toward the top forming a lateral wall (34) which terminates in an upper edge (35) that turns back ~~[[in]]~~ toward an interior.

33. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 32, wherein the rail riser wing (31) has a thick core (36) and a head (37) which, when viewed in cross-section, has a shape of a hook ~~and comprises, comprised~~ on an external side, ~~[[of]]~~ a linear projection formed of a rolling track (39) on which rolls ~~a load bearing surface of one of the guide rollers (40, 41) on a load-bearing surface,~~ the rolling track (39) is bordered sloped toward a bottom ~~[[of]]~~ with an inclined ramp (43) and on an other side, with a flat, horizontal edge (44) and on an inner side, the conformation consists of a flat horizontal bearing abutment edge (45) followed by a perpendicular edge with a middle receiver slot (46), the conformation constituting ~~[[the]]~~ a reception surface for a linear watertight joint (47).

34. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claims ~~[[32]]~~ 33, wherein a space between the lateral wall and the thick core (36) is filled by a flexible joint (38) ~~[[with]]~~ which has an inclined upper face ~~inclined,~~ the flexible joint (38) is immobilized between these walls and an upper edge (35) ~~[[which]]~~ turns back toward an interior.

35. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 31, wherein the collection blade (10) traverses the guide rail and a composite joint (47), two parts of the composite joint (47) spread apart or are raised locally when the blade (10) passes, and recoil after passage of the blade (10).

36. (CURRENTLY AMENDED) The reinforced safety device for collecting electrical energy at ground level according to claim 35, wherein the composite joint (47) is formed ~~[[of]]~~ from two linear joints (48, 49) which are installed in a side-by-side manner ~~and which meet at an edges~~ such that their edges meet with one another in a middle section of the composite joint (47), and opposite extremities of two linear joints

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(48, 49) constitute a linear pivoting articulation by means of opposite edges with a facing conformation [[with]] of an extremity of the corresponding semi-rail (29, 30).

37. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the reinforced safety device is intended for a vehicle guided by the ground level electrical energy collection assembly moving along a guide rail.

38. (PREVIOUSLY PRESENTED) The reinforced safety device for collecting electrical energy at ground level according to claim 20, wherein the reinforced safety device is intended for a vehicle guided by other than the ground level electrical energy collection assembly moving along a guide rail.